

Work Order ID 94688

December-19-12 2:52:24 PM

94688

Page 1

Item ID: D3499-042

Accept

N900040100

Setup Start

NS1

Revision ID:

Stop

NS2

Item Name: Cable Guard Assembly

Start Date: 12/19/12 Start Qty: 4.00

4

Cust Item ID:

Required Date: 1/11/13 Req'd Qty: 4.00

4

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr

Revision Nbr

D3499

Rev C

100

Pick Kit

0.00

100

Packaging

Memo

0.00

Packaging

FF
13-04-11
4

110

0.00

110

Small Fab

Memo

0.00

Small Fab

1- assemble per dwg

FF
13-04-11
4

120

QC5- Inspect part completeness to step on W/O

0.00

120

QC

Memo

0.00

Quality Control

27
1344

4

94688

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Accept

N900040100

Setup Start *NS1*

Stop *NS2*

4

Cust Item ID:**Start Date:** 12/19/12

Start Qty: 4.00

4

Customer:

Required Date: 1/11/13

Req'd Qty: 4.00

Reference:

Run Start *NR1*

Approvals: **Process Plan:** _____ **Date:** _____ **Tooling:** _____ **Date:** _____

Stop *NR2*

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Sequence ID/
Work Center ID

Operation Description

Set Up/ Run Hours

Tool ID**Tool #**

Plan Code

**Accept
Qty**

Reject
QtyReject
Number

**Insp.
Stamp**

130

Identify as per dwg & Stock Location: _____

0.00

130

Packaging

Memo

0 PP 99850

0.00

Packaging

140

QC21- Final Inspection - Work Order Release

0.00

140

QC

Memo

0.00

Quality Control

MCJ 13-04-1

Q13-0411

Picklist Print

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Page 1

Work Order ID: 94688

Parent Item: D3499-042

Parent Item Name: Cable Guard Assembly

Start Date: 12/19/12

Required Date: 1/11/13

Start Qty: 4.00

Required Qty: 4.00

Comments: IPP Rev:A New Issue 06-05-05 JLM
IPP Rev:B As per Rev B 06-08-31 JLM
10.02.23 verified by:EC

IPP Rev:C as per dwg revC DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
AN3C5A Bolt		Purchased	No			100	Each	813.0000	2	8		FF 13-04-11	
				<u>Location</u>		<u>Loc Qty</u>	<u>Loc Code</u>						
				FG 124221		5							
				122800		5							
				ST350		28							
				116419		28							
				ST512		780							
				123831		780							
AN3C6A BOLT		Purchased	No			100	Each	714.0000	3	12		FF 13-04-11	
				<u>Location</u>		<u>Loc Qty</u>	<u>Loc Code</u>						
				FG		10							
				122416		10							
				FP001		420							
				122599		420							
				FP002		1							
				111982		1							
				ST351		283							
				122416		283							
X AN960C10L washer	NAS1149C0332R	Purchased	No			100	Each	0.0000	10	40		FF 13-04-11	
D3499-2 Mounting Plate		Manufactured	No			100	Each	8.0000	1	4		FF 13-04-11	
				<u>Location</u>		<u>Loc Qty</u>	<u>Loc Code</u>						
				GA		6							
				79052		6							
				ST201A		2							
				44903		2							

Picklist Print

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Page 2

Work Order ID: 94688

Parent Item: D3499-042

Parent Item Name: Cable Guard Assembly

Start Date: 12/19/12

Required Date: 1/11/13

Start Qty: 4.00

Required Qty: 4.00

D3499-3
Plastic Cable Guard

Manufactured No

100 Each 2.0000

1 4

FF 13-04-11

Location

Loc Qty

Loc Code

ST207 93134
75365

2
2

4

D3499-5
Placard

Manufactured No

100 Each 11.0000

2 8

FF 13-04-11

Location

Loc Qty

Loc Code

ST053 ~~83134~~
46759
84096

11
1
10

8

D3672-1
Phenolic Washer

Manufactured No

100 Each 1,688.0000

5 20

FF 13-04-11

Location

Loc Qty

Loc Code

FG
85222
GA
85222
ST061
83608
91325
ST062
93886

10
10
242
242
909
429
480
527
527

20

Picklist Print

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Page 3

Work Order ID: 94688

Parent Item: D3499-042

Parent Item Name: Cable Guard Assembly

Start Date: 12/19/12

Required Date: 1/11/13

Start Qty: 4.00

Required Qty: 4.00

MS21043-3

Purchased

No

100

Each

1,043.0000

5

20

FF 13-04-11

Nut

Location

Loc Qty

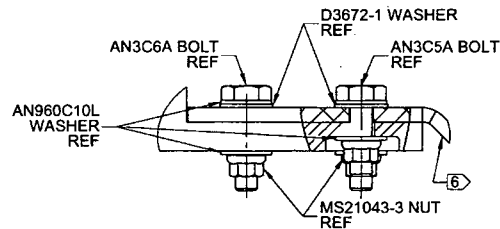
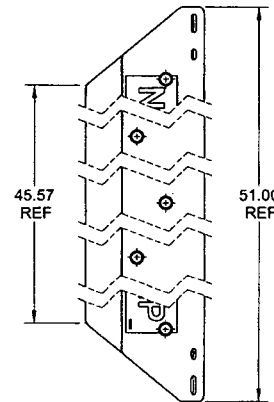
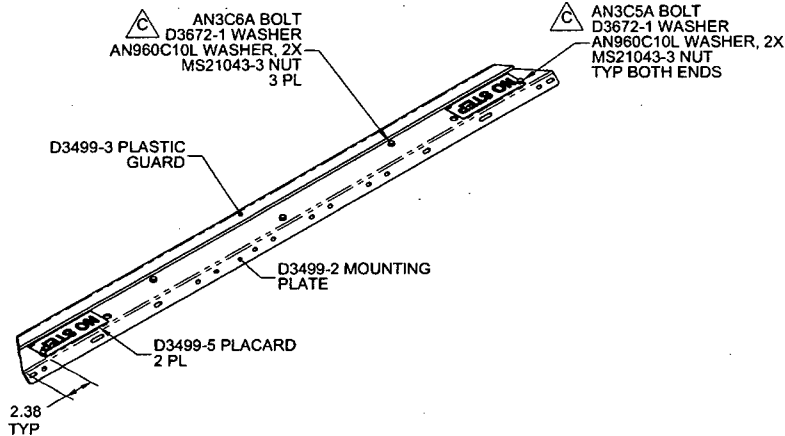
Loc Code

FG	124555	80	20
103691		80	
FP001		55	
123525		55	
GA		280	
123899		280	
ST315		628	
118614		7	
118686		30	
119758		20	
121255		20	
122993		137	
123899		414	

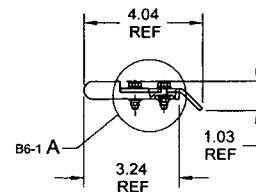
December-19-12 2:52:24 PM

Shop Packet Print

Page 3



DETAIL A B4-1
SCALE 4X



D3499-042 CABLE GUARD ASSEMBLY

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D3499-041/-042" USING FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: 3.90 lbs

ITEM	QTY -042	P/N	DESCRIPTION
1	X	D3499-042	CABLE GUARD ASSEMBLY
2	1	D3499-2	MOUNTING PLATE
3	1	D3499-3	PLASTIC GUARD
4	2	D3499-5	PLACARD
5	2	AN3C5A	BOLT
6	3	AN3C6A	BOLT
7	10	AN960C10L	WASHER
8	5	MS21043-3	NUT
9	5	D3672-1	WASHER

94688
P/12-20-92

RELEASED
2010-02-02
MD

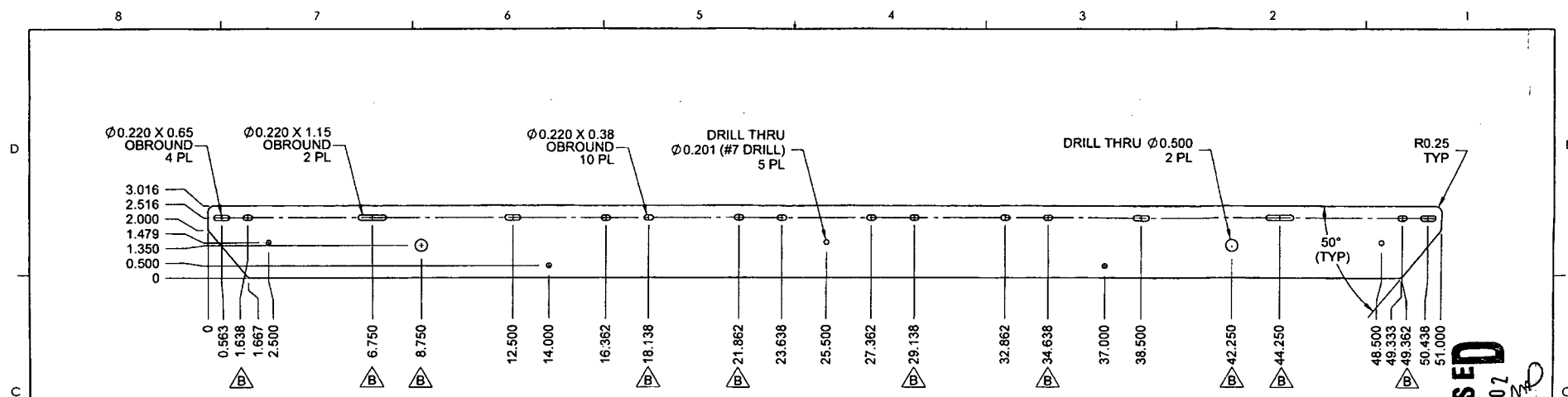
C	DRAWING UPDATED TO CURRENT STANDARDS. 3.245 WAS 3.255 (ZN B8-3); 3.24 WAS 3.25 (ZN D3-3). REVISE TOLERANCE & 2.01 WAS 2.00 (ZN D3-3); D3672-1 WAS NAS1515H3L (ZN D3-1, D5-1, D7-1); ADD IDENTIFY NOTE (ZN A8-1); REF NCR-09-045	RF	09.06.19
B	RE-DESIGN D3499-2F/-3	MB	06.08.15
A	NEW ISSUE	MB	06.04.11
REV.	DESCRIPTION	BY	DATE
DESIGN			
DRAWN	R=		
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	09.06.19		

DART AEROSPACE USA, INC.
PORT HADLOCK, WA

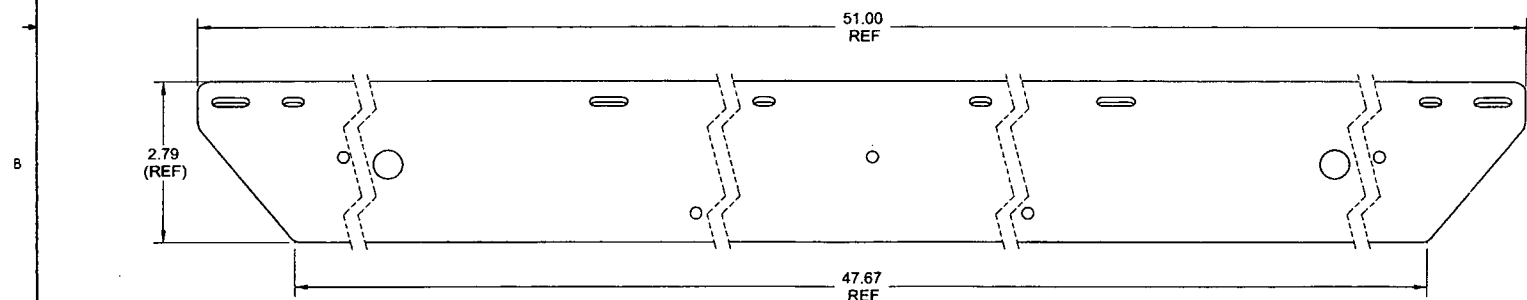
DRAWING NO. D3499
TITLE CABLE GUARD
REV. C
SHEET 1 OF 4
SCALE NTS

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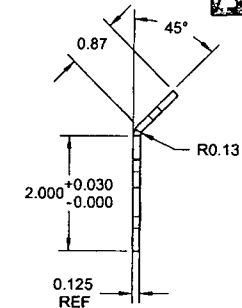
94688



D3499-2F MOUNTING PLATE FLAT PATTERN
SCALE 0.5X



D3499-2 MOUNTING PLATE



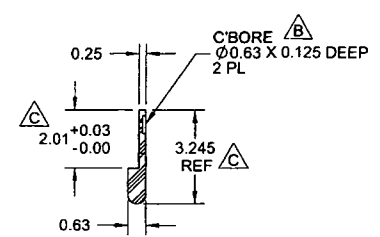
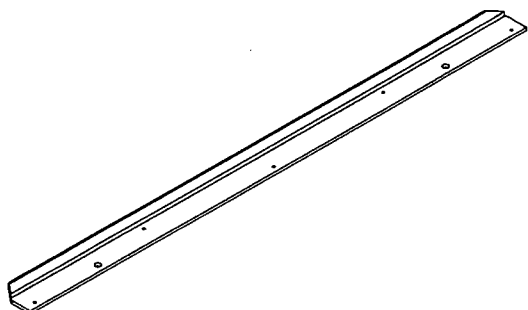
D3499-2 BENDING DETAIL

- NOTES:**
- 1) MATERIAL: 6061-T6 ALUMINUM SHEET 0.125 THICK
PER AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027 OR ASTM B209
REF. DART SPEC. M8061T6S.125
 - 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
POWDER COAT "WHITE" (4.3.5.2) PER DART QSI 005 4.3
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: NONE
 - 7) WEIGHT: 1.81 lbs

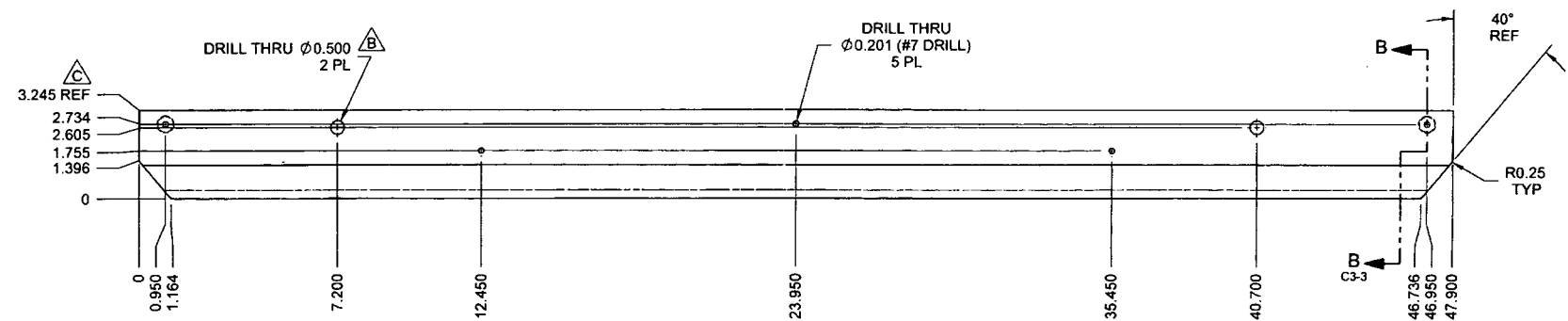
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DRAWN	RF	PORT HADLOCK, WA	
CHECKED	GP	DRAWING NO.	REV. C
MFG. APPR.		D3499	SHEET 2 OF 4
APPROVED		TITLE	SCALE
DE APPR.		CABLE GUARD	NTS
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R 2010-02-07

94688



SECTION B-B B2-3

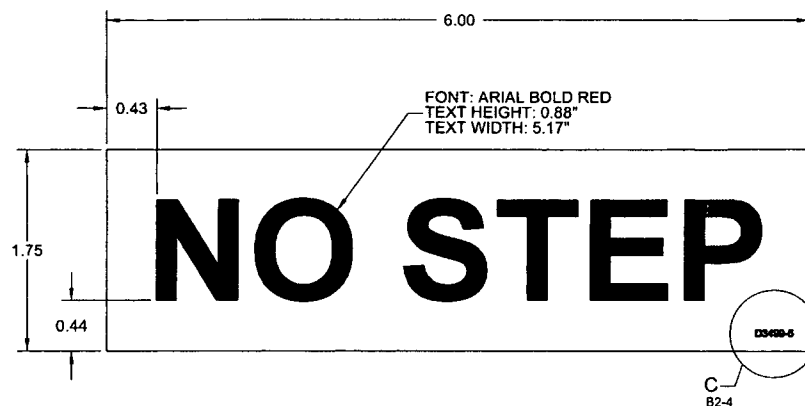


D3499-3 CABLE GUARD

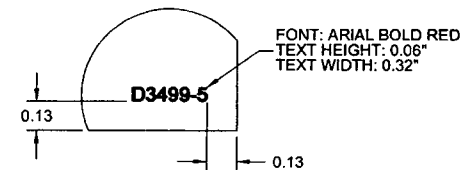
RELEASED
2010-02-02

- NOTES:
- 1) MATERIAL: UHMW BLACK TIVAR 1000 VIRGIN MATERIAL
REF. MUHMWB
 - 2) FINISH: NONE
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: NONE
 - 7) WEIGHT: 2.52 lbs

DESIGN	J	DART AEROSPACE USA, INC.	
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CHECKED	GP	DRAWING NO.	REV. C
MFG. APPR.	GP	D3499	SHEET 3 OF 4
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DE APPR.	GP	CABLE GUARD	NTS
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D3499-5 PLACARD



DETAIL C B5-4
SCALE 2X

NOTES:

- 1) MATERIAL: RED LETTERS ON WHITE ADHESIVE BACK VINYL
MANUFACTURED FROM 3M 7 MIL MASKING FILM #8522CP OR
AVERY IPM #2031. SIZE IS 6.00" LONG" x 1.75" WIDE
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: N/A

RELEASED
2010-02-03
JMB

DESIGN	B	DART AEROSPACE USA, INC.	
DRAWN	RF	PORT HADLOCK, WA	
CHECKED	RF	DRAWING NO.	REV. C
MFG. APPR.	JMB	D3499	SHEET 4 OF 4
APPROVED	JMB	TITLE	SCALE
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